



PRODUCT-DETAILS

ACS150-03E-02A4-4

LV AC micro drive, IEC: Pn 0.75 kW, 2.4 A
(ACS150-03E-02A4-4)



General Information

Global Commercial Alias:	ACS150-03E-02A4-4
Product ID:	68581753
ABB Type Designation:	ACS150-03E-02A4-4
EAN:	6410038079444
Catalog Description:	LV AC micro drive, IEC: Pn 0.75 kW, 2.4 A (ACS150-03E-02A4-4)
Long Description:	The ACS150 drives are designed to be incorporated into a wide variety of machines such as mixers, conveyors, fans or pumps. The ACS150 drives have an integrated user panel, potentiometer and a variety of features such as pre-defined connection macros, making drive selection and configuration easy. With an optional FlashDrop tool these drives can be configured quickly in volume.
Display Name:	ACS150-03E-02A4-4

Ordering

Customs Tariff Number:	85044085
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HS Code: 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES; Electrical transformers, static converters (for example, rectifiers) and inductors; Static converters

Invoice Description: ACS150-03E-02A4-4 Pn 0,75kW, I2n 2,4A IP20
Made To Order: No
Minimum Order Quantity: 1 piece
Order Multiple: 1 piece
Quote Only: No
Selling Unit of Measure: piece

Dimensions

Product Net Weight: 1.2 kg
Product Net Depth / Length: 142 mm
Product Net Height: 239 mm
Product Net Width: 70 mm
Package Level 1 Depth / Length: 350 mm
Package Level 1 Height: 130 mm
Package Level 1 Width: 220 mm
Package Level 1 Units: 1 carton

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	23 W	1.4 %	79.1 %
0 / 50 %	25 W	1.5 %	87.1 %
0 / 100 %	30 W	1.8 %	91.3 %
50 / 25 %	24 W	1.4 %	88.5 %
50 / 50 %	26 W	1.6 %	93.1 %
50 / 100 %	32 W	1.9 %	95.3 %
90 / 50 %	28 W	1.7 %	95.8 %
90 / 100 %	35 W	2.1 %	97.1 %

Number of Phases: 3-phase
Degree of Protection: IP20
Enclosure Type NEMA: Open Type
Multiple Battery Information: No battery / cell included
Frequency (f): 50/60 Hz
Frame Size: R1
Input Voltage (U_{in}): 380 ... 480 V
Mounting Type: Module for cabinet building

Number of Hardware Interfaces:	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Parallel 0 Other 1
Includes:	With control unit Without optical interface With PC connection
Analog Inputs:	1
Analog Outputs:	0
Number of Digital In/Outputs:	5/0
Output Current, Normal Use (I_n):	2.4 A
Output Current, Light-Overload Use (I_{LD}):	2.4 A
Output Power, Normal Use (P_n):	0.75 kW
Output Power, Light-Overload Use (P_{LD}):	0.8 kW
Power Consumption (@P_{cons}):	35 W
Apparent Power Output:	1.7 kV·A
Efficiency Level:	IE2
Standby Loss:	10 W
Temperature Rating:	Maximum 40 °C

Certificates and Declarations

Declaration of Conformity - CE:	3AXD10000499279
REACH Date:	20260316
REACH Declaration:	9AKK107992A7060
REACH Information:	True - contains substances > 0.1 mass percentage
RoHS Date:	20230303
RoHS Declaration:	3AXD10000499279
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Environmental

SCIP:	9bafda2d-8835-4ef6-a271-ddfeea692d36 Finland
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

External Classifications and Standards

UNSPSC:	39122001
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Categories

Products > Drives > Low Voltage AC Drives > Micro Drives > ACS150 - Micro Drive

